

CLAIMS:

What is claimed is:

1. A method, comprising:

storing a first set of reactions at a first computer, and a second set of reactions at a second computer, where each reaction in the first set comprises indicia of one of a plurality of operations available for performance on the first computer and execution information associated with each of the identified operations, and where each reaction in the second set comprises indicia of one of a plurality of operations available for performance on the second computer and execution information associated with each of the identified operations;

at a third computer, performing one or more operations of a first plurality of operations available for performance at the third computer;

in response to the performing, at the third computer, generating a transmission comprising indicia of the one or more performed operations and information operated on by each of the one or more operations;

receiving the transmission at the second and third computers;

at the first computer, determining whether the received indicia corresponds to at least one of the first plurality of reactions, and if it does, performing an execution using the associated execution information of the one of the first plurality of reactions; and

at the second computer, determining whether the received indicia to at least one of the second plurality of reactions, and if it does, performing an execution using the associated execution information of the one of the second plurality of reactions.

2. A method to be implemented by objects having a shared communication path, a representative object of the objects performing the method that comprises:

executing original operations of different operation types;

when original operations are executed, transmitting messages on the communication path whereby the objects receive the messages, where the messages have a format shared by the objects, and where each message indicates the operation type of its corresponding executed operation; and

when messages so transmitted from the objects are received, determining whether to react to each message based on each message's indicated operation type, and when determined to react to a given message, reacting by executing a reaction operation that is pre-associated with the message's indicated operation type, where each object has its own set of reaction operations and pre-registered associations between its reaction operations and at least some of the operation types.

3. A method according to claim 2, wherein the original operations comprise graphical user interface events, and wherein the operation types comprise types of graphical user interface events.

4. A method according to claim 2, wherein a message further indicates a parameter of the original operation that triggered the message, and wherein the reaction operation triggered by the message uses as its own parameter the parameter included with the message that determined the execution of the reaction operation.

5. A method according to claim 2, wherein the communication path comprises a network chat channel.

6. A method according to claim 5, wherein the objects comprise programs executing on different computer systems.